

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: mvjfm@mvubr.att.com (James M Fitton +1 508 960 2577)  
Subject: [3759] 79r Colorburst Sprint  
Message-ID: <9602020000.AA29473@ig4.att.att.com>

Dont forget the 79er Colorburst Sprint each Thursday  
in Feb. & March from 9 til 10 pm on 3.579 MHz.

W1FMR

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: scicior@cp.uswc.uswest.com (Steve Ciciora)  
Subject: [3742] 8088 builders  
Message-ID: <9602011807.AA18911@sp5-316.nts.uswest.com>

You might not think this is QRP related, but it relates to my favorite  
part of Ham Radio: building.

A while back there was a discussion about using computers in radio projects  
and someone talked about using 8088s because he can build one for about \$20,  
can program from IBM, etc.

Could this person contact me? I'm laying out an 8088 PCB and want to seek  
his advice on how to make it 'general purpose' enough (I already know what  
I want it to do!).

SRY for the bandwidth,  
-Steven Ciciora  
scicior@uswest.com  
ciciora@ucsu.colorado.edu

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: DAVEAF5U@aol.com  
Subject: [3701] AZ scQRPion Meeting  
Message-ID: <960201015914\_309051596@emout05.mail.aol.com>

The Arizona scQRPions will meet in Phoenix on Saturday Feb. 3rd (10:30 AM) at  
the Luby's near the southwest corner of Bell Road and 51st Avenue.

Membership certificates will be presented and each attendee will be given  
time to speak to the group. Don't forget to bring a project, kit, or other  
equipment for show and tell. For more info contact David Little at  
602.661.1187.

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: BWHITTEM@mailgw.sanders.lockheed.com  
Subject: [3726] bugs, straight keys, and keyers  
Message-ID: <110de920@mailgw.sanders.lockheed.com>

whats all the fuss about what people use for cw generation and decoding. gee guys why not just get everyone a computer and interface and have only computer to computer cw. ive never done computer cw and spent most of my time with a straight key. i find i make less mistakes with my straight key than i do with my keyer. use what you got is what i say in 1977 w2bxb gave me my first qso and survived my shakey fist. im gratefull to him for that and have his qsl card as my most prized even after almost 20 years of hamming. i will as he did work anyone desiring a qso and will qsl as well. practice makes you better no matter what your generating source is. send me your bug, your straight key or your keyer and ill give you some practice.

--... ..--

barry  
wb1edi

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: rbsparks@iAmerica.net (Robert B. Sparks)  
Subject: [3718] Century 22 for sale  
Message-ID: <199602011417.IAA09362@ns2.iAmerica.net>

Hi Folks-

Looks like the Century 22 has found a new home with a list member. Thanks!

Bob Sparks AB5ZD

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Urs Schlegel <schlegel@ccgate.ari.ch>  
Subject: [3706] CW or not to CW...  
Message-ID: <9602010854.A14500@ccgate.ari.ch>

To QRP-L

Some are collecting Chinese porcelaine from the Ming dynasty. Others collect stamps, but only if they are older then a decade or so. Others do telemark skiing. And, you bet it, others do CW. Why? Because it's fun to do something with an antique touch.

Something not anybody is able to do. We CW'ers will not only survive if the CW part will be dropped, we will get more exclusive!! We will never die-out because? see above! (And as we know already, can break through every \*newfashioned\* mode ;-))

72 de HB9HAU Urs (CW only, QRP only = very old fashioned but young enough to do packet as well, but that's nothing special ;-)) schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>  
Subject: [3763] Deep cycle marine battery charging  
Message-ID: <1826.823223012@safety.ics.uci.edu>

This is a summary file of comments I received about my deep cycle marine battery for emergency power. It is much abbreviated, I tried to eliminate any redundancy and strip down to essentials. It is a lot of good, basic common-sense suggestions. Thanks to all. This is great!

\*\*\*\*\*

... run a 12vac xfmr from a variac (sp) and put a diode in the + line. Set the output voltage equal to the float voltage you want and let er' rip.

... Many battery chargers get confused if there's a small house load being supplied, and keep trying to charge the battery, and so overcharge it.  
Try calling West Marine @ 800-538-0775. I've also got one of their 5amp chargers in my truck to keep the battery up there.

... Check out All Electronics (<http://www.allcorp.com/allcorp>) catalog. They have a nifty battery charger that runs off of a 'wall wart' AC adapter, and can be used to charge both Gell Cells and Ni-Cads - you must change the way the unit is wired, to fit your battery connectors. The device drops to a float trickle once the battery is charged.

The web site - it hasn't been updated since November. The battery charger is a new item - best bet is to call them up and see if they still have them. Previously, they had another, similar item, and it sold out pretty quickly. The current model is about \$8.

... I've just done what you did! Bought a deep cycle battery, (a big one! the largest I could find for a trolling motor.) to keep my station on

the air... here are some WEB adr's to some great info!

I float charge mine at 13.3 vdc. The recommended is 13.2-13.4v.  
Anything above that tends to just boil off the electrolyte.

Deep Cycle Battery information WWW addresses:

<http://seclab.cs.ucdavis.edu/~wee/marine.seminar.html>

It is a marine electrical seminar...great stuff on batteries!

<http://www.hampstead.k12.nh.us/~djade/>

Jade

<http://nyquist.ee.ualberta.ca/~schmaus/dcbat.html>

Battery FAQ

... At the suggestion of a local ham, I went to my local Walmart and plunked down \$39.00 for their deep cycle marine battery charger. It has an auto/manual switch for float or full charging, and is a nice hard plastic unit with a built in carrying handle.

... A&A Engineering.... I can send you a copy of the catalog.

They have a charger kit for about \$70. Fully automatic, can be left on indefinitely, up to 1A capability. I use one on my Gel cells.

... I use a deep cycle marine battery for my TS850 power supply and use a commercial 6 amp automobile "solid state automatic" battery charger to keep it charged. I just plug in the battery charger when I operate and try to remember to disconnect it when I am done. ....I operated Sweepstakes on this setup in 1994 with no problems. I started with a fully charged battery, had 5 hours off in the middle, and the battery was just starting to sag below 12.6 Volts after the end of the contest. I can use it for 2 to 3 weeks of casual operating (2 hours or so a day) without charging it. At a price of \$46 for the battery it sure beats the proice of a 20 Amp supply!!

... I use a homebrew power supply that does a variety of things.

1. It charges the battery while supplying the power necessary to run my packet/2 mtr/keyers/HF rig/etc. The battery only comes on line when the power goes off. It's good for about 15 amps at 13vdc. There is no delay in going form the 12v from power supply to the 12 from the battery.

2. It has a 115v relay that drops out when the power goes off and supplies 12 volts from the battery to emergency lights in the upstairs hall/etc. This feature goes over big with the XYL...Hee Hee! I use automobile dome lights that I got at K-mart fer 5 bucks. The 2 amp bulb really supplies the light! (25 watts er so) I have 1 amp bulbs in other outlets that don't need much light. There are switches on each light to be able to turn them off if I don't need them on.

3. It has a low voltage cut-out that takes the battery off-line if the battery voltage drops below 10.5 vdc. It won't be back on line until I reset it.

4. When the AC comes back on, the battery gets recharged.

5. A small current (20 ma) is continuously sent into the emergency lighting circuit. This lights a green LED to confirm that the emergency light circuit is OK..ie, no lights burned out!

6. A heat sensor checks the heatsink temperature and will turn on a fan if it rises above 120 degs F.

....I have used a golf cart battery of 50 or more AHs since 1988 and I charge it with a car type charger at about 1-2 amps twice a day for about 30 minutes each. My timer is a 110 VAC type for \$10 or less. It is totally automatic and I leave it on when we go overseas w/o problems. Just adjust timing and voltage to keep charge up based on use. I could probably charge it more than 1 am but I got 4 years on a 2 yr battery so will not "unsaddle a winning horse".

... Just a note, first you don't normally need to keep a deep cycle battery charged since it has a long shelf life. What I do is operate only from battery & keep a trickle charger on it. (I also sell trickle chargers) You can use almost ANY 12 V battery eliminator for the job. What I found was using some 50 ma lamps one can adjust the top voltage to be 13.8 volts (or close enough) so that the battery is fully charged when needed & you can even see in the room if the power fails!

...If you are interested in PV and renewable energy, there is an excellent magazine Home Power that deals with that and electric vehicles. Many of the authors and magazine staff are hams in the N.California/Oregon area. Good solar panels are down to \$150 for used ones up to \$450 for new 75 watt models.

...If you don't mind, you might include the following places for getting free catalog/planning guides for alternative power systems.

Sunelco  
1-800-338-6844  
excellent 132 page planning guide/catalog. free

Backwoods Solar  
8530 Rapid Lightning Rd.  
Sandpoint, ID 83864  
(208) 263-4290

This is a husband/wife ham couple who live in a totally off-the-grid home/business. Best prices in the business and also build their own equipment

Home Power Magazine

\$22.50 for 6 issues.

1-800-707-6585

An article this month on a solar powered ham system in a Volkswagen camper

\*\*\*\*\* end.

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996

From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>

Subject: [3741] FOX: Stan's turn, rules?

Message-ID: <Pine.SOL.3.91.960201130234.27131A@mcmail.CIS.McMaster.CA>

Ok, Stan's turn as fox. Here's a possibility that perhaps the Chuckmeister should consider:

Based on Stan's amazing feats in the past, should Stan be allowed an extra point if he is able to hear himself around a long path? :-)

Glen VE3DNL leinwebe@mcmaster.ca

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996

From: David Adams <dave@flowserver.stem.com>

Subject: [3761] He shoots, scores and wins!!!

Message-ID: <9602020052.AA24761@flowserver.stem.com>

It was clearly a case of being in the right place at the right time. Today I am bringing home an unbuilt Heathkit VF-7401 (digital scanning 2m mobile xcvr 1W/15W) and the matching touch tone mike kit. Now, the beauty here is that each kit was partially started. Enough so that the kit is no longer in it's natural state and I won't get mail-bombed by the kit preservation society, but little enough that I won't feel robbed of any construction pleasure. The price? \$60 total! I'm gonna heat the iron this weekend!

73 de dave, n9uxu

PS - yes, this was more of a homebrew message than qrp, but as this list is the builders resource, I thought I'd share.

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=====

David J Adams

dave@flowserver.stem.com

(415) 813-5028

N9UXU QRP-L #83

NorCal QRP #1442

Flow Cytometry Specialist

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: W Marty Ray/DELCO <WMRAY@mail.delcoelect.com>  
Subject: [3754] HW-9 vs Sierra  
Message-ID: <9602020147.AA8457@lnusde.delcoelect.com>

Hi gang!

I have been thinking about getting a Sierra kit, but I can't justify having all these rigs around. I am considering selling my HW-9 with the matching tuner and SWR meter to fund the project. I'd like to hear from anyone who can compare the Sierra's performance vs the HW-9.

The HW-9 does have all the bands 80-10, but I would sacrifice 10 & 12 meters for an equal or better rig, not to mention the joy of building the kit.

Thanks!

72 de NN9H  
Marty Ray in Kokomo, Indiana...

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "Evert Halbach" <cs-erh@nich-nsunet.nich.edu>  
Subject: [3712] HW8 for sale  
Message-ID: <5C721B464BB@charon.nich.edu>

Heathkit HW8 with power supply es manual. Also have manual with mods for HW8. Will pay shipping. Rig is clean and works fine. Used for a couple of months. Got 10 countries and 22 states confirmed with little operating time. \$140.00.....

Thanks es 73 de WA5OJI Evert

Evert R. Halbach WA5OJI  
Internet - cs-erh@nich-nsunet.nich.edu  
Phone - (504) 448-4999  
Snail - P.O. Box 2168 Thibodaux, La. 70310

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996

From: johnhill@freenet.edmonton.ab.ca  
Subject: [3714] IC-245 SSB drift  
Message-ID: <Pine.A32.3.91.960201063910.23331E-1000000@freenet.edmonton.ab.ca>

I know that this is not qrp or HF related but I do know that there is a lot of experieced people out there that may be able to help out.

The IC-245 with SSB adaptor is my only commercially built rig in my shack, I was on 2M SSB the other night when my wife called me to the phone. A kind fellow told me that I should get my rig fixed as he was going to wear out his RIT following me up and down the band.

Where in this rig does the drift originate and what must I do to elimiate it? I've been told that ICOM's bench fee for this rig is ment to keep it out of their shop. Any help would be most appreciated, thanks.

VE6CU...73

JOHN HILL email: johnhill@freenet.edmonton.ab.ca

Snail Mail: John Hill  
17205-114 St.,  
Edmonton, AB.,  
Canada.  
T5X 5Y7

Twisted Pair (phone): (403) 475-9667

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: teda@lexis-nexis.com (Ted Albert)  
Subject: [3717] It is Colorburst Time!  
Message-ID: <199602011416.JAA25749@rain.lexis-nexis.com>

Greetings from Snowy Ohio.

Tonight is the first night of the Colorburst Sprint. Time to put down the soldering iron here at Colorburst Central and get on the air. The station at KF8EE has the following newly built additions for use in the Sprint.

Receivers:

Ten-Tec 9 Band Regenerative Receiver  
Ten-Tec Direct Conversion Receiver (In a nice K5F0 project cabinet)



MFJ Worldband Regenerative Receiver

Transmitters:

Universal QRP Transmitter from Solid State Design - ugly construction  
Kanga OXO

Transceivers:

Pixie 2

The receivers and transmitters will be used in different combinations  
during the next two months. Hope to work you in the Sprint!

72 de Ted, KF8EE NE404

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Announcing the :

QRP-NE (QRP Club of New England)

79er SPRINT

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When: Each Thursday evening during February and March, 1996

Modes: CW - Crystal and VFO Control

Freq: ~ 3.579 MHz

Power Level - 5 Watts or less output power

Time: 9:00 - 10:00 p.m. EST

Exchange - RST QTH NE#X NAME; ie.....579 OH NE404X Ted

Members use QRP-NE number; NE404 and Add X if XTAL control; NE404X  
Non-members use Power Level; 4W and Add X if XTAL control; 4WX

QSOs are cumulative: Work the same station on subsequent Thursdays.

The 79er transmitter was NE-QRP's first club project. It uses a  
3579.545 kHz crystal to set the frequency. These crystals are used  
in the color-burst oscillator of all color TV sets in the United  
States and Canada, and in other devices as well.

The 79er event is an on-the-air get-together, not a contest. Last year, everyone used a mixture of homebrew transmitters with colorburst crystals and commercial QRP rigs. This year, we will welcome all QRP stations to the event. Everyone works everyone this year. Crystal-controlled stations append the letter "X" to their calls, such as "KF8EE/X." Yes, it's legal. We hope this event will stimulate everyone to build a crystal-controlled transmitter to use during the event!

Send Logs to:        Ted Albert, KF8EE  
                      1924 Timberidge Drive  
                      Loveland, OH 45140

(or)  
e-mail Logs to:     teda@lexis-nexis.com

Logs need to be received by April 30, 1996. Results will be published in "72".

State Output Power Level, Type of Rig, and Antenna Type on logs. Include comments on the event or how you built your crystal-controlled transmitter for inclusion in the report in "72".

Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz

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Transmitter Reference articles:

In case you were wondering, "79er" comes from 3.579 MHz

Articles abound on building a simple crystal controlled transmitter for 80 meters. Try the "Universal QRP Transmitter", page 26 of "Solid State Design " (ARRL), or "The Oner" (Sprat), or "The Cubic Incher" (ARRL), or "The 79er"/"Colorburst Special" (QRP-NE).

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From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Buck Switzer <n8cqa@sun.tir.com>  
Subject: [3757] KA3YJG - Bob  
Message-ID: <9602012322.AA23737@tir.com>

Sorry to waste the bandwidth. Bob KA3YJG - you wanted some info from me but all my emails are bouncing???

Give me a good address or phone #. Thanks.

72/73 Buck

Buck Switzer, N8CQA, 654 Georgia, Marysville, MI 48040-1243  
Home: (810) 364-9640 - Fax: (810) 364-8179 - Work (810) 949-0151  
n8cqa@tir.com - am441@detroit.freenet.org

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: David Negaard <draagen@ConnectNet.COM>  
Subject: [3725] Looking for help...  
Message-ID: <199602011534.HAA00190@forge.connectnet.com>

It's not strictly a QRP issue, but I've tapped the other usual sources, and from my observations, this group is more helpful and more knowledgeable and more forthcoming than many others in the amateur radio community.

I'm looking for a design for a home-brew 2M FM transceiver suitable for use at up to 9600 bps on packet. I imagine that power output would be well under 5 watts (so it is nominally QRP), and anticipate that it would be rock-bound. Does anyone know where I should be looking?

Thanks. I'm hoping to be up on HF with a rig that can be tuned down to QRP levels, soon, and in the meantime, I'll listen for you whenever you're on a band my rig covers. Seems like a great way to test my antenna...

--

San Diego District Youth Leader  
David Negaard phone: (619) 761-0280  
625 Shenandoah Avenue mailto:draagen@connectnet.com  
San Marcos, CA 92069 <http://www3.graceland.edu/~jrmj/negaard>

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: svein@eci1.ucsb.edu (Svein Vetti)  
Subject: [3753] looking for program: inductance calculations  
Message-ID: <9602012255.AA10199@violet.ucsb.edu>

Hi, a friend of mine claims to have seen a program that calculates the

inductance of an inductor if you specify core size, wire size, length etc

Does anybody know where I can find such a program ?

Thanks

-SVein

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Jerry Marsh <jerry@comtch.iea.com>  
Subject: [3766] Manual for HW-8  
Message-ID: <Pine.SV4.3.91.960201184137.23326A-100000@comtch>

I bought an HW-8 at an estate sale but it had no manual. I have a borrowed one but want to know if anyone out there has one they would part with or know of a source for reprinted manuals.

The odd size pages and foldouts don't lend it to photo-copy but I can do that if I must.

Please reply direct email to:

jerry@iea.com aa7uf Jerry Marsh

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Steve Thompson <kj7dn@primenet.com>  
Subject: [3702] My FIRST DX QRP QSO  
Message-ID: <Pine.BSD.3.91.960131232808.145780@usr1.primenet.com>

I got my first DX qso tonight with my trusty HW-9 and four watts! Thanks to Paul, VE7CQK, we were finally able to make a meeting on the air (we've been trying for over a month!) To top it off, I did so in amongst local lightning crashes! Things like this get me REAL excited abt QRP.

73,

Steve

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|
| Steve C. Thompson - KJ7DN      _____ E-mail  kj7dn@primenet.com |
| Manager of Info. Technology   ____/____      steve@cpginc.com      |
| Continental Promotion Group   ____/H____                                     |
|
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|                |   |                           |  |
|----------------|---|---------------------------|--|
| Tempe, AZ, USA | H | Proud builder of the OHR  |  |
|                | H | WM-1 and Explorer II 40M  |  |
|                | H |                           |  |
| 602.731.3535   | H | QRP-L #259 - ScQRPions #1 |  |
|                | H | NWQRP #387 - NorCal       |  |

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From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
 From: roy.gregson@usfamily.wa.com (Roy Gregson)  
 Subject: [3700] NW8020 GOOD NEWS  
 Message-ID: <9601312311327728@usfamily.wa.com>

At long last I'm pleased to announce that the long awaited main tune caps for the NW8020 kits have arrived and hope to have all kits shipped before the weekend. Many many thanks for all of your patience.  
 Roy W6EMT

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
 From: Urs Schlegel <schlegel@ccgate.ari.ch>  
 Subject: [3737] Paddle  
 Message-ID: <9602011741.A14526@ccgate.ari.ch>

Joel,

1. Schurr
2. Schurr

(That's no kidding. It's the brand name of a german manufacturer of handcrafted keys and paddles ;-))

72 de HB9HAU Urs schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
 From: bcutter@teal.csn.net (Bob Cutter)  
 Subject: [3723] Paddle Help  
 Message-ID: <199602011523.IAA06463@lynx.csn.net>

I wired a small DPDT switch on the bottom of my favorite paddle. I can switch hands or keyers with no effort.

72, Bob KI0G  
QBF? ZUE

Bob Cutter, .....Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [3739] paddle help  
Message-ID: <960201170640\_75230.1405\_HHB61-1@CompuServe.COM>

Hi, Brad--

Reading the digest yesterday I saw you got lots of response to your first question, all of it accurate. I'd add only that the CMOS III keyer (and perhaps others) allows you to PROGRAM whether the tip is dots or dashes. Actually it's a "reverse" command that just switches them, whichever way they happen to be at the time, and the resultant setting is permanent.

Using thumb for dits, finger(s) for dahs IS pretty standard, but I note all the responses refer to your first finger. FWIW I use the tip of my first finger sometimes, and the SIDE of my first finger (e.g. knuckle) sometimes, but mostly the tip of my third finger. Whatever works! I sometimes wish I could send left-handed (another good reason to have dot and dash paddles reversible), but so far it seems to be easier to write left-handed. In my case it only seems to matters in contests, in which case I do most of the work with keyer memories (using my left hand to push the buttons) [g].

>Second question - What exactly are the functions of the WEIGHT controll  
>(doesn't seem to vary anything too much) and what is the difference between  
>Iambic A & B.

Hey, Brad-- that's TWO more questions!

Weight is the length of dots and dashes as compared with the standard (and this is one case where there IS a standard). In ITU standard Morse, the basic unit of duration is a dot. A dash is three times as long, there is space equivalent to one dot between each element (dot or dash), three between characters, and seven between words.

At very slow speeds you may want a longer dash; at high speeds you may want a shorter dot. A fully configurable keyer will allow you to adjust either of them independently, but usually you only need to adjust one to achieve the same net effect. Note that an unbalanced change in weighting does affect your sending speed, so in THEORY you should take from one and give to the other to balance things out. In practice, don't worry about it. Note also that standard dot/dash weighting is used on exams (only the spacing is changed in accordance with the Farnsworth method of speed adjustment), and in normal usage it is fine for speeds between say 13 and 25wpm.

As for Iambic A and B, I have a problem with that myself. I've read the standard explanations ("in B when you release the paddle the opposite element is sent, in A it is not"). No doubt someone will clarify this if I am wrong, but it seems to me that what is meant here is a keyer feature also known as "dot and dash MEMORY." IOW, imagine you are sending at a very slow speed. You hit the dah paddle with your finger, then before you let up your finger you tap the dit paddle. In B the keyer will complete the dah and then send the dit. In A it would complete the dah and then stop without sending the dit.

73/72  
Marshall  
AA0XI/VK5FN

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Joel Malman <malman@bbnplanet.com>  
Subject: [3724] paddle poll  
Message-ID: <9602011032.aa28974@poblano.bbnplanet.com>

Informal poll:

1. Which paddle are you using?
2. Which paddle do you wish you were using?

/joel malman@bbn.com

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Joel Malman <malman@bbnplanet.com>  
Subject: [3768] Paddle Summary (long)  
Message-ID: <9602012231.aa13079@poblano.bbnplanet.com>

Group,

Many QRP-L readers asked me to post the results of the paddle poll, so I am posting the poll responses in the order in which they were received by my mailer (Unix, with direct internet access, MMDf mail agent).

I held off posting the responses until now, so that the USA west coast QRP people had time to respond.

A few respondents use multiple paddles (not at the same time, I'm sure). The alternate paddles are listed with a plus (+). Many respondents answered question 2 with "same" or "none".

Call signs are not listed to protect identity of the respondents.

Vibroplex and Bencher seem to be the most often used and/or wanted paddles.

\*\*\*\*\* Begin Paddle List

Question 1:  
Which paddle are you using?  
=====

Question 2:  
Which paddle do you wish you were using?  
=====

Vibroplex Brass Racer

Same

Bencher (Clone)

"Some expensive one"

Bencher BY-1

Vibroplex Brass Racer

Autronic

Same

Vibroplex Iambic

Vibroplex Wire Chief or Blue Racer

Schurr Einbauwabbler

None

Bencher (ed: BY-1, I assume)

Same

Brown Brothers

Vibroplex Iambic

Schurr

Same

TenTec 645 Ultramatic

None

+ Vibroplex Brass Racer

+ Vibroplex Vibrokeyer (NON-Iambic)

MFJ Iambic

Bencher (ed: BY-1, I assume)



+ Vibroplex Chrome Bug  
+ J-38

|   |               |
|---|---------------|
| Bencher (ed: BY-1, I assume)  | None          |
| Bencher (ed: BY-1, I assume)<br>+ Vibroplex Brass Racer<br>+ Old Heathkit | "One of each" |
| Kent  | Same          |
| Vibroplex Brass Racer   | Same          |
| Bencher BY-1<br>+ Vibroplex Brass Racer                                   | Schurr Profi  |
| Brown Brothers<br>+ Home Brew   | TenTec KR40   |
| Brown Brothers  | Same          |
| Vibroplex Iambic Paddle   | "No answer"   |

\*\*\*\*\* End Paddle List

73/2

/joel/ wa1qvm malman@bbn.com, joel@bbn.com, malman@bbnplanet.com

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3709] Paddles es Keyers  
Message-ID: <199602010649.GAA16056@chuck.dallas.sgi.com>

Gang,

Since I was asked, here is my answer.

1. I use an AEA CK-2 and sometimes an AEA MM-3 keyer, thus dits to the tip, dahs to the ring of the stereo plug.

I have wired up the CMOS-II and CMOS-III appropriately.

This is pretty much the standard and if everyone will beat on those that do differently (like MFJ) maybe we can get them to change. It's just like the standards for key jacks, phone jacks, etc. There will never ever be a consensus, but we can try.

2. For the paddle itself, since I am right handed, dits with the thumb and dahs with the index finger.
3. I have enough trouble concentrating on sending, so I don't write at the same time. :-) I hold the pen while I am sending (I'll have to take a picture of this and then write it up, it's like asking a Centipede how it walks. It would probably roll over in the ditch just thinking about it and couldn't walk again.) A lot of people do this so that they don't put down the pen to send and then pick it up when receiving and writing in the log or copying on paper. It will surprise a lot of people on this list, but I write down everyword when copying at speeds below 40wpm. Just a habit. At higher speeds I copy to a Smith Corona Electric typewriter or to a keyboard on a workstation at the desk.

In the last few months I am starting to have a problem with CTS in the left wrist (Carpal Tunnel Syndrome, if my spelling is correct). Don't have it in the right wrist, which I attribute to using for CW all the time, thus another reason to learn CW. :-) :-) I can see the headlines in the National Enquirer - " Cure for CTS found in CW operators!! " :-) :-)

Others will do differently and that's all right, I guess, if it doesn't hinder your growth in skills. The big problem comes up in acquiring new equipment or going to Field Day or Afield events and sitting down at an unfamiliar rig and finding out that the key/keyer combo is just the opposite to what you are used to.

At higher speeds I use a keyboard for sending. WA5YFY, Dub in Oklahoma, having been a professional telegrapher can tell it takes to send faster than 30 wpm on a paddle. :-) My limit is about 35 or so before I have to move over to the Heath SuperPro keyboard or a RFI intensive MFJ board.

Dub's answer is probably "lots of hours kid, lots of hours". :-)

We've had this thread before.....

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: QLF@mimi@magic.itg.ti.com  
Subject: [3734] POSSIBLE CLUB ACTIVITY  
Message-ID: <9602011616.AA28146@itg.ti.com>

From: Brad Bradfield QLF

Subj: POSSIBLE CLUB ACTIVITY

I wanted to throw something out here for possible interest by some of the QRP-L members or some of the QRP clubs around the country. A suggestion has been made on the NAVNET packet network to operate on Armed Forces Day from several of the decommissioned US Navy vessels serving as memorials around the US. Examples would be the USS Texas, USS Alabama, USS Lexington, etc. Many of these ships already have active ham stations operating on board. Operation could also take place at some location adjacent to the ship if actual operation from the ship herself cannot be approved.

If you are interested, please contact Steve Stirling, N8CPA, at sstirl@freenet.columbus.oh.us. He is acting as the unofficial coordinator for this effort.

73's

Brad, WB0CGH

\*\*\*\*\*

Brad Bradfield, PE  
108 Forestwood  
Corinth, TX 76205

Electrical Design Engineer  
Texas Instruments, Inc.

QLF@MSG.TI.COM

(H) 817-321-2960  
(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member      QRP-L #377      SMIRK #4906      IEEE(M)

Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Dick G0BPS <Dick@kanga.demon.co.uk>  
Subject: [3713] QRP Crystals  
Message-ID: <4cfWXGANQsDxEwit@kanga.demon.co.uk>

Hi Gang,

I have been watching the comments about crystals.  
I keep a stock of the usual QRP frequency ones in stock here

Anyone interested please mail me for full details of frequencies /  
prices etc.

73/2 de Dick

Dick Pascoe G0BPS / G0ROO KANGA PRODUCTS  
The UK's Leading supplier of QRP kits.  
Email to: Dick@kanga.demon.co.uk

All comments made here are permitted  
and condoned by the boss  
I AM THE BOSS!

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Dave Fifield <fifield@lan.nsc.com>  
Subject: [3758] Radio Shack DSP Manual?  
Message-ID: <31116127.718D@lan.nsc.com>

I just got the last Radio Shack DSP from my local shop, it was the  
one in the display cabinet. They had a box, leads, bracket and  
hardware, but there was no manual with it.

It seems pretty simple to wire up and operate, but I'd still like to  
get a copy of the manual (if there is one!) for reference. If YOU  
have a manual and wouldn't mind making me a copy of it (all costs  
reimbursed in full of course) I'd really appreciate it.

I'll only be around today (Thursday 1st Feb), and then I'll be away  
on business for 2 weeks, so if you reply direct to me today/tomorrow  
and then don't hear from me for 2 weeks, don't worry, I'll be in  
touch when I get back.

--

Dave Fifield

```
-----  
| LAN Applications Manager      | KE6ZBZ      |  
| National Semiconductor Corp  | QRP-L #92   |  
-----
```

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3699] RF is a Box of Chocolates  
Message-ID: <199602010812.IAA16157@chuck.dallas.sgi.com>

Gang,

I have been working on some stuff on the system at work from the house and I'm in my usual mode of having the Explorer II on 40M listening. It's real late and I mean real late or very early depending upon your point of view.

I get email from someone on the list, a DX person, and they mention they are up giving someone their first DX contact. I mention that I don't hear anything on the band. Between 7.000 and 7.050 there aren't but maybe three QSOs in progress and a 6 calling CQ in CA.

It's not 15 seconds after I fire off the email when I tune back to 7.040, the "watering hole" and I hear a station calling CQ at a 579 level. Well, wouldn't you know a YV5 in Caracas Venezuela. I get a 529 and he gets a 579. I love this hobby. Keeps me off the streets at night. :-)

Stan had better be watching out. :-)

I was hearing FL and CA only before this. Band is relatively quiet because of the hour. :-)

Just another report that Jan/Feb is probably a good time on 40M, even during a lull in the solar cycle. Anyway, you don't see sunspots at night. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com

Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: penc@elan.mrwo.mcgill.ca  
Subject: [3722] Sierra band module blanks-tnx  
Message-ID: <9602011457.AA13581@elan.mrwo.mcgill.ca>

Gang:

Thanks for the replies regarding the Sierra blank band module boards. I was looking for these for two reasons: one to add coverage to a Sierra, and also to fabricate additional modules to modify my Cascade for other bands ( I understand they will work).

Now all I need is the time for these projects.

Tnx es 72,  
Rich WK2A  
penc@radar.mcgill.ca

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Thom <thom@li.net>  
Subject: [3767] St.Louis Tuner  
Message-ID: <Pine.SUN.3.91.960201220715.22318A-100000@linet01>

Hi all,

I ordered a St. Louis tuner from NorCal last week. Today I received a note from Jim Cates, WA6GER telling me that they are in the process of getting the variable capacitors in, and hopefully the units should be going out in a few weeks....It's nice to know that the guys at NorCal are not skimping on the parts and that they'd rather delay delivery than sent out a unit that isn't quite right.

Jim also said something about the new caps making the unit too laarge for the NorCal-40 case, but I wasn't sure what he meant as I thought the tuner had it's own case.

At any rate, my order was numbered 209 (I think they said they they were puting together 250 kits, not 100% sure though), and I'm looking forward to receiving it.

I'm sure these guys put in a lot of effort to send these kits out and they should be commended for their efforts

73 de Tom  
WB2QDG

thom@li.net

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: David Johnson <djohnson@acpub.duke.edu>  
Subject: [3727] Sunday Knight net  
Message-ID: <Pine.SOL.3.91.960201103442.5485A-100000@bio3.acpub.duke.edu>

Greetings!

All KnightLites and others interested in QRP are invited to join the Knights at the Round Table on Sunday evening. We will meet on 3710 kHz at 10 pm eastern (0300 UTC Monday for those not in my time zone). I will be net control station, welcoming all aboard. Note that this is a change in frequency (formerly 3560 kHz, where Paul, AA4XX will be camped to direct anyone up into the Novice segment).

Stations are encouraged to check in with KnightLite power (how many milliwatts is your real nightlight? ;-)

Hope to hear your call on Sunday!

72,

Dave

|   |               |
|---|---------------|
| David W. Johnson                            | QRP ARCI 6546 |
| Amateur Extra WA4NID. Low power enthusiast! | G-QRP 4864    |
| email: djohnson@acpub.duke.edu              | NorCal 355    |
| packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM      | TSRAC 3482    |

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Ken\_KD1XS@prodigy.com (MR KEN A HANKS)  
Subject: [3720] SWL 40

Message-ID: <013.00067235.KZBQ03A@prodigy.com>

I recently built a SWL-40 transciever. Works pretty good (on the first try!). I have heard that there may be several modifications available for this radio, specificaly, a mod to increase the power to 2 to 3 watts. Anyone heard of this or tried it?

Ken KD1XS

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Mike Robinson <miker@cc.com>  
Subject: [3750] Unused callsigns  
Message-ID: <9602012228.AA05023@voder.nsc.com>

The file of the unused 1x2 and 2x1 callsigns has been uploaded to the incoming directory on lehigh.edu.

lehigh:/pub/listserv/qrp-l/incoming/unused.zip

I don't know how long it will stay there. Is there someone that can put this file in a more permanent spot on lehigh for those without WWW to have access?

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3707] What's Early a.m.  
Message-ID: <199602010654.GAA16067@chuck.dallas.sgi.com>

Gang,

Asked by many. In previous posting on morning DX. Early morning is about 2 hours before local sunrise. So about 4:30 a.m. to 5 a.m. and thereafter seems to be good DX on 40M.



dit dit es gl

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: joe@westonia.com (Joseph Cooper)  
Subject: [3711] Re: Crystal set stuff (as in: not about crystals)  
Message-ID: <m0thyWI-000iB7C@gpu2.westonia.com>

>I found this in one of the many buy-and-sell/shop-'til-you-drop  
>newsletters that a co-worker is addicted to reading...

>

>Crystal Set Parts & Plans  
>Carl & Grace Enterprises  
>5636 Romeyn  
>Detroit, MI 48209  
>

The people above are a 'mom and pop' operation who make very nice  
xtal set kits and sell parts as well. They have a nice little catalog that  
is worth getting, though you should send along  
a dollar to cover costs.

If you are interested in other people who are doing the same thing;

Leonard Gardner  
W2QBC  
458 Two Mile Creek  
Tonawanda. NY  
14150

He makes a very nice xtal set (not a kit) that has much of the  
form of the original sets from the 1920's with a big dial on the  
front and a nice wood box. He has two crystals mounted; a Galena with a cats  
wisker  
and a modern diode. You can switch between the two from the front panel Send  
along a dollar for a color photo and an info package.

Midco  
P.O.Box 2288  
Hollywood Florida  
33022

This is the company that is most like MRL in that they have about six

crystal set kits  
that range up to \$100 U.S. These are very advanced designs that are the  
descendants  
of the MRL DX crystal sets of the 1930's and 40's. The company also sells a  
lot of  
great antique and reproduction parts, such as dials, mounting posts and  
variometers.

If you ever wanted to put together a retro QRP rig that has some class from  
the past, this is a good starting point for finishing details.

73's

```
=====
* Joseph Cooper-VE3FMQ QTH-East York-near Toronto Ontario Canada *
* Interests are:-Lowfer/VLF/BCB Radio-Woodworking-Steam Railroads *
* -Nikola Tesla-Antique Radios-Crystal Radios-Travel-Burmese Cats *
* FAX (416) 423-7782 9:00pm to 5:00pm EDST Monday To Friday Only *
=====
```

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Brian Dockter <brian@nds.com>  
Subject: [3744] Re: CW on emergencies  
Message-ID: <96Feb1.125234pst.174405-21726+11@rainier.nds.com>

On Jan 31, 9:50am, Cummings, Jim: DGRB wrote:  
> Subject: Re: CW on emergencies  
>  
> Would anyone  
> care to propose that soldiers should continue to be  
> trained in the art of sword-play or javelin throwing? I think  
> not.

But soldiers are still trained at the art of hand to hand combat, which  
is even more basic. CW like communication is very basic communication  
just like hand to hand combat is very basic fighting.

Should we forget how to run because we have a car?

Should we forget how to use a shovel because we have a tractor?

Should we forget how to fight with our hands because we have missiles?

Should we forget how to build crystal radios because we have the QRP+?

Should we forget how to use CW because we have Amtor (or whatever your favorite mode is)?

I would say no. CW might not be as important as it was several years ago, but it shouldn't be forgotten.

Brian

--

|                           |                      |
|---------------------------|----------------------|
| Brian Dockter (KC7JZL)    | Email: brian@nds.com |
| Sr. Software Engineer     | Voice: 206-524-0014  |
| Northwest Digital Systems | FAX: 206-524-3440    |

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: rxd7@rabbit.INS.CWRU.Edu (Richard A. Dell)  
Subject: [3747] Re: CW on emergencies  
Message-ID: <199602012126.QAA04668@rabbit.INS.CWRU.Edu>

>On Jan 31, 9:50am, Cummings, Jim: DGRB wrote:

>> Subject: Re: CW on emergencies

>>

>> Would anyone

>> care to propose that soldiers should continue to be

>> trained in the art of sword-play or javelin throwing? I think

>> not.

>

>But soldiers are still trained at the art of hand to hand combat, which

>is even more basic. CW like communication is very basic communication

>just like hand to hand combat is very basic fighting.

>

>

>Should we forget how to run because we have a car?

>

>Should we forget how to use a shovel because we have a tractor?

>

>Should we forget how to fight with our hands because we have missiles?

>

>Should we forget how to build crystal radios because we have the QRP+?

>

>Should we forget how to use CW because we have Amtor (or whatever your favorite mode is)?

>  
>  
>I would say no. CW might not be as important as it was several years  
>ago, but it shouldn't be forgotten.  
>  
>  
>Brian  
>  
>--  
>Brian Dockter (KC7JZL) | Email: brian@nds.com  
>Sr. Software Engineer | Voice: 206-524-0014  
>Northwest Digital Systems | FAX: 206-524-3440

Brian,

Read your examples. Well put !!!

73, Dick, WD8ISB  
Richard A. Dell  
8085 Wren Drive  
Macedonia, Ohio 44056

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: rxd7@rabbit.INS.CWRU.Edu (Richard A. Dell)  
Subject: [3748] Re: CW on emergencies  
Message-ID: <199602012123.QAA04505@rabbit.INS.CWRU.Edu>

>On Jan 31, 9:50am, Cummings, Jim: DGRB wrote:  
>> Subject: Re: CW on emergencies  
>>  
>> Would anyone  
>> care to propose that soldiers should continue to be  
>> trained in the art of sword-play or javelin throwing? I think  
>> not.  
>  
>But soldiers are still trained at the art of hand to hand combat, which  
>is even more basic. CW like communication is very basic communication  
>just like hand to hand combat is very basic fighting.  
>  
>  
>Should we forget how to run because we have a car?  
>  
>Should we forget how to use a shovel because we have a tractor?  
>

>Should we forget how to fight with our hands because we have missiles?  
>  
>Should we forget how to build crystal radios because we have the QRP+?  
>  
>Should we forget how to use CW because we have Amtor (or whatever your  
>favorite mode is)?  
>  
>  
>I would say no. CW might not be as important as it was several years  
>ago, but it shouldn't be forgotten.  
>  
>  
>Brian  
>  
>--  
>Brian Dockter (KC7JZL) | Email: brian@nds.com  
>Sr. Software Engineer | Voice: 206-524-0014  
>Northwest Digital Systems | FAX: 206-524-3440

Brian,

Read your examples. Well put !!!

73, Dick, WD8ISB  
Richard A. Dell  
8085 Wren Drive  
Macedonia, Ohio 44056

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Dick G0BPS <Dick@kanga.demon.co.uk>  
Subject: [3710] Re: Definitions?  
Message-ID: <18DVfRA\$YsDxEwh3@kanga.demon.co.uk>

In message <199601311919.TAA14562@chuck.dallas.sgi.com>, chuck adams  
<adams@chuck.dallas.sgi.com> writes  
>Dave et.al.,  
>  
>QRP <= 5.0 Watts output (CW)  
>QRPP < 1.0 Watts output (CW) a.k.a. milliWattling  
>  
>

These power levels are maximums,

\*\* from the transmitter \*\*

NOT at the feed point of the antenna !!

TTFN de Dick

Dick Pascoe G0BPS / G0R00 KANGA PRODUCTS  
The UK's Leading supplier of QRP kits.  
Email to: Dick@kanga.demon.co.uk

All comments made here are permitted  
and condoned by the boss  
I AM THE BOSS!

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [3694] Re: Delta Loops, fed from bottom  
Message-ID: <Pine.LNX.3.91.960131204214.19784B-100000@dt1.datatamers.com>

Kris,  
The polarization DOES matter a great deal. Vertical polarization with a  
delta loop results in low-angle radiation...very good for DX!  
72, Dave, W6EMD

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: H Smith <hbs@crl.com>  
Subject: [3745] Re: Delta Loops, fed from bottom  
Message-ID: <Pine.SUN.3.91.960201123405.28088A-100000@crl10.crl.com>

On Wed, 31 Jan 1996, David D. Meacham wrote:

> Kris,  
> The polarization DOES matter a great deal. Vertical polarization with a  
> delta loop results in low-angle radiation...very good for DX!  
> 72, Dave, W6EMD

Very true. Here are some other points:

1. The vertically polarized Delta loop is not as sensitive to height  
above ground. Optimal height of bottom wire from ground for a  
40mtr delta loop (according to Eznec) is around 14 feet.

2. The vertically polarized Delta loop has less gain than the horizontal polarized. However, for DX, the take-off angle is low enough to justify the less gain.

3. For good reading on delta loops (and other lowband antennas) I recommend "Antenna and Techniques for Low-Band DXing" by John Devoldere, ON4UN.

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: flanders@GroupZ.net (Jerry Flanders)  
Subject: [3705] Re: Filters and Ringing  
Message-ID: <199602010605.BAA20882@nss2.CC.Lehigh.EDU>

/>From a recent post regarding the RatS... oops! Radio Shack DSP filter:

/>Somebody else reported that it did not ring, even in  
/>the narrow filter position. I can confirm that their  
/>report is accurate. I have built CW filters using  
/>surplus telephone toroids (commonly 44mh) and caps,  
/>and those things ring.

/>-----

/From Larry East's post:

/

/Well, I have an L-C filter (using surplus telephone toroids) with a  
/bandwidth of about 200 Hz that I use with my Ten-Tec 509 (see write-up in  
/July '94 [I believe] QQ), and it has absolutely NO ringing and very good  
/out-of-passband attenuation.

/My point here is that good sharp L-C filters CAN be designed that don't  
/ring.

/72, Larry W1HUE/7

=====  
Quoting from W9GR's Feb '96 QST article "DSP - an Intuitive Approach":

"RINGING IN CW FILTERS

"There is a lot of misinformation on this subject. All band-pass filters ring; they MUST in order to work! There are two causes of ringing, however.

The first is reduced bandwidth. All band-pass filters ring due to this mechanism. The second is nonlinear phase, also known as time delay distortion or phase distortion. Conventional analog filters incur this additional ringing due to phase distortion. Since a FIR filter is phase linear, there is no additional ringing due to this mechanism. For a given bandwidth, a FIR filter rings less than a conventional analog filter, but it still rings. Many DSPs use FIR CW filters, so they present only minimal ringing."

-----

End of quote. I placed a short review of the RS DSP filter here a few days ago, in which I said all the good things I had ever heard about DSP filters in regard to ringing seemed to be true in the little RS unit. The RS filter had much less "ringing" than ANY sharp analog filter I have ever heard, and I have hear a lot of them. I said then, and I repeat now - this is a heck of a lot of performance for \$50.

Jerry Flanders    W4UKU    flanders@groupz.net

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>  
Subject: [3770] Re: HW-9 vs Sierra  
Message-ID: <Pine.SUN.3.91.960201210451.19026D-100000@ume>

I have built and use both in the past 18 months.  
If I could only have one, it would be the Sierra.....for the fun of building it and performance issues. However, I hope to be technically "developed" by next year to "seriously modify" the HW9.  
Besides, its nice to have a benchmark for comparison.

|                                       |   |                                      |
|---------------------------------------|---|--------------------------------------|
| Dr. Rick Zabrodski BSc, MD, CCFP(E)   | * | VE6GK                                |
| Clinical Assistant Professor          | * | NorCal 519    ARCI 7650    GQRP 8329 |
| Faculty of Medicine, Univ. of Calgary | * | "Power is no substitute for skill"   |

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Aa4xx <aa4xx@nando.net>  
Subject: Re: Knightlites QNS

Pete,



<SNIP>

We decided to go ahead and move <the KNIGHTLITE'S NET> to the novice segment, in hopes of encouraging newcomers (and long lost higher class brethren), to consider giving cw a real chance.

The Knightlites' roster of 60 or so folks mirrors the QRP-L roster in terms of license classes represented. Most of the group is composed of Advanced and Extra Class licensees, with NO novices represented. We figured it's up to us to see if we can't get more young people involved. Therein lies our future.

We appreciate your interest in the effort and hope to hear you QNI as your time permits. See you soon on 3710 KHz!

72,  
Paul

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Aa4xx <aa4xx@nando.net>  
Subject: [3693] Re: Knightlites QNS (fwd)  
Message-ID: <Pine.SUN.3.91.960131234123.22327N@bessel.nando.net>

----- Forwarded message -----  
From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: flanders@GroupZ.net (Jerry Flanders)  
Subject: [3704] Re: Learning a Bug  
Message-ID: <199602010605.BAA96638@nss2.CC.Lehigh.EDU>

Chris McCormack Said:

> Besides getting lots of off-the-air practice, are there any good  
> hints/rules on learning to use a Vibroplex bug? (I realize most  
> people would turn to a keyer and paddles, but: 1-the bug appeals  
> to me the same way QRP CW appeals to me; 2-I have a bug to use,  
> with neither a keyer nor paddles in sight.)

=====

Takes lots of practice, Chris. It CAN be done well, but most guys don't practice enough to use a bug without "slurring" the dashes all over the place, or putting in 6 dits where 4 would do...

Please, for the sake of "air pollution", just strap down the dit side, rewire the dit and dah paddles separately, and then just use the bug as a first-rate paddle for any good electronic keyer.

I personally wish guys who insist on using bugs and straight keys had to be on the receiving end of their "fists" for a few hours. They would clean up their acts, I think.

I can understand the "minimalist" approach. It is fun to get by with simple equipment. One could even run a kitchen without a refrigerator - we all did it when I was a kid.

Jerry Flanders            W4UKU            South Carolina            flanders@groupz.net

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: scicior@cp.uswc.uswest.com (Steve Ciciora)  
Subject: [3719] Re: Learning a Bug  
Message-ID: <9602011440.AA18308@sp5-316.nts.uswest.com>

<snip>

> I personally wish guys who insist on using bugs and straight keys had to be  
> on the receiving end of their "fists" for a few hours. They would clean up  
> their acts, I think.

<snip>

Gee, I was planning on using a J-38 for my first CW contact (as soon as I finish building my xmitter!). Mabe I should start looking for some paddles and a keyer circuit...

Thanks for the info. It would have taken me a while to figure out why everyone was 'angry' at me.

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: V\$BCIESLAK@qtiworld.com  
Subject: [3721] RE: Learning a Bug  
Message-ID: <01I00YKM0S6A004TUN@hub.qgraph.com>

<snip>

> I personally wish guys who insist on using bugs and straight keys had to be  
> on the receiving end of their "fists" for a few hours. They would clean up  
> their acts, I think.

<snip>

Gee, I was planning on using a J-38 for my first CW contact (as soon as I finish building my xmitter!). Mabe I should start looking for some paddles and a keyer circuit...

Thanks for the info. It would have taken me a while to figure out why everyone was 'angry' at me.

<snip>

I'll be glad to work you with your straight key...I've heard some of these guys using their keyer es "geeezz"..enuf said. Let's set up a straight key sked.

Brian AE9K

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>  
Subject: [3755] RE: Learning a Bug  
Message-ID: <BE10BE83230@manage.paccd.cc.ca.us>

> Gee, I was planning on using a J-38 for my first CW contact (as soon as I  
> finish building my xmitter!). Mabe I should start looking for some paddles  
> and a keyer circuit...

Like Brian, AE9K, I will also be more than happy to QSO you with a J-38. Many of my more enjoyable QSOs have been with operators using either straight keys or bugs.

73, Harvey, N6MM.

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: femens@iquest.com  
Subject: [3752] re learning a bug/keyer/straight key, etc.  
Message-ID: <199602012249.QAA10505@vespucci.iquest.com>

There has been a number of good suggestions on the value of learning to use a bug or straight key (and I'd submit an electronic keyer too) well enough not to be a burden to the poor op on the other end of the link from you.

My suggestion is the only application of a computer for sending or recieving morse that I'd approve myself (other than as a contest logger). Get yourself some kind of computer morse copying device. I have a PacComm packet/RTTY/Amtor data controller that also sends and recieves morse. The best example I've ever seen of the morse copying

ilk was not only not very good but really intolerant of poorly sent code. Set the thing up to monitor your sidetone, put on a dummy load, turn the power down and with your straight key, bug or electronic keyer, start sending and watching what the morse machine copies. If you can send well enough to get perfect copy on the 'puter --INCLUDING WORD SPACES--, you will be a pleasure to copy to just about anyone on the air. And I do mean to include electronic keyers in the list. One can easily send mighty sloppy, poorly spaced code with an electronic keyer.

Frank Emens, W4HFU, Huntsville Alabama      "femens@iquest.com"  
"Things are more like they are now than they have ever been before."

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [3765] Re: looking for program: inductance calculations  
Message-ID: <Pine.SOL.3.91.960201202949.1357A-100000@utkux4.utcc.utk.edu>

On Thu, 1 Feb 1996, Svein Vetti wrote:

> Hi, a friend of mine claims to have seen a program that calculates the  
> inductance of an inductor if you specify core size, wire size, length etc  
>  
> Does anybody know where I can find such a program ?  
> Thanks  
> -Svein

The best place I know to get this program and over 100 others is HAMCALC, a collection of amateur radio/electronics calculation programs in BASIC, with its own menu and copy of GW BASIC. To obtain a copy, write George Murphy, VE3ERP, the program's maker/collector/formatter. Address is 77 McKenzie Street, Orillia, ONT L3V 6A6 Canada. Murph requests a \$5 donation to cover the cost of the disk and mailing from Canada and he donates the excess above costs to the Canadian National Institute for the Blind amateur Radio Program. Current version is 15 (some may remember V. 9.8 or so noted on this list not too many months ago). Program collection covers virtually all basic calculations and many advanced ones, with special programs on coils, toroids, antennas, transmission lines, matching networks, final amplifier networks, and too many more to mention. I have no monetary interest in this venture--and neither has Murph, since it is a labor of love in his retirement. But the program has been featured in an engineering collection from the University of Hartford. In fact, Murph is always on the lookout for programs to add in BASIC. If after receiving a copy you have something that might be useful to other hams, why not send a copy to Murph.

-73-

LB, W4RNL

|                      |       |           |     |     |           |     |                     |
|----------------------|-------|-----------|-----|-----|-----------|-----|---------------------|
| L. B. Cebik, W4RNL   | /\    | /\        | *   | /   | /         | /   | (Off)(615) 974-7215 |
| 1434 High Mesa Drive | /     | \         | \   | /   | /         | /   | (Hm) (615) 938-6335 |
| Knoxville, Tennessee | /\    | \         | \   | /   | /         | /   | (FAX)(615) 974-3509 |
| 37938-4443 USA       | /     | \         | \   | /   | /         | /   | cebik@utkux.utk.edu |
| QRP-ARCI 2572        | G-QRP | 7203      | CQC | 125 | NEQRP     | 347 | NORCAL 1111         |
| QRP-L 37             |       | ARRL-Life |     |     | QCWA-Life |     | MIQRP 1432          |
|                      |       |           |     |     |           |     | 10-10 41159         |

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Paul Christensen <PaulC@jax.se.continental.com>  
Subject: [3738] RE: Paddle  
Message-ID: <31111B85@se.continental.com>

> 1. Schurr  
> 2. Schurr  
>  
> (That's no kidding. It's the brand name of a german manufacturer  
> of handcrafted keys and paddles ;-))

But don't the Schurr keys have a soft feel? Judging by photographs alone,  
it appears that the acrylic finger pieces would allow for too much flexing.  
No?

-Paul, N9AZ

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [3697] Re: paddle help  
Message-ID: <Pine.SUN.3.90.960131212745.2843A-1000000@vortex.sage.dri.edu>

Hi Bob,

I write with my left hand and send with my right. Could log, dupe  
and send at the same time when I was in good contest shape. And  
that was with a bug.

Keyers tend to make it simple.....(with enough practice)!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Sun Valley, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Paul Christensen <PaulC@jax.se.continental.com>  
Subject: [3731] RE: paddle poll  
Message-ID: <31110CA4@se.continental.com>

> 1. Which paddle are you using?

A Vibroplex Iambic

> 2. Which paddle do you wish you were using?

A Vibroplex "Wire Chief or Blue Racer."

Quite honestly, I'm very pleased with the Vibroplex Iambic and only wish I had the other two as show pieces. I have a mint Brown Brothers BTL-A that I just can't seem to find the right trade on though (any takers for a pre-WWII Vibroplex trade?).

-Paul, N9AZ

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "Richard Hieber" <Richard.Hieber@rrze.uni-erlangen.de>  
Subject: [3732] Re: paddle poll  
Message-ID: <1937A6D6785@isis.rrze.uni-erlangen.de>

Joel Malman <malman@bbnplanet.com> asked:

> 1. Which paddle are you using?

A beautifully manufactured brass thing called "Einbauwabbler" by the German company Schurr. Its name is German for 'paddles meant to be built-in somewhere'. There is a much more expensive stand-alone version of the same thing, only that it has a plexiglass cover with optionally engraved callsign and a heavy solid brass base. I am very content with what I have. For the time being I glued it on a big

aluminum heatsink - it was the only heavy metal thing that I had handy at the time. Now I invariably get comments about how high my code speed would be that I needed that much cooling ;-)

> 2. Which paddle do you wish you were using?

No reason to wish for any other.

72,

Richard

--

Richard Hieber, DL8MFQ/AA8CP

EMAIL: Richard.Hieber@rrze.uni-erlangen.de

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996

From: mykey@aztec.asu.edu (MICHAEL C. TODD)

Subject: [3740] Re: paddle poll

Message-ID: <9602011734.AA14100@aztec.asu.edu>

>Informal poll:

> 1. Which paddle are you using?

> 2. Which paddle do you wish you were using?

1. Bencher

2. Haven't tried others

Mike W9UQB qrp-1 #666

--

[B[C

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996

From: jgoemans@facstaff.wisc.edu (Goemans)

Subject: [3760] re: paddle survey

Message-ID: <199602020021.SAA129115@audumla.students.wisc.edu>

1. What do I use ??  
 A Bencher/BY-1 with attached CMOS Super-keyer-2 (MFJ-STYLE)  
 internal battery powered..  
 Or a Vibroplex Brass Racer EK-1 with the guts replaced by a FAR  
 Circuits board/Curtis 8044ABM internal battery powered.
2. What would I like to use ?  
 A Schurr Profi paddle. It looks so neat my CW proficiency would  
 have to improve !!

PS have assorted straight keys, including my original "novice" J-38  
 but they mostly for show until SKN... Yes I did use my J-38 for  
 many years, till I got a Lafayette bug !!!

72 Paul WA9PWP  
 QRP-L, QRP ARCI, NORCAL, FOXhunter extraordinaire  
 Paul Goemans WA9PWP  
 4326 Clover Court Madison, WI 53711-4805  
 608-274-5143 jgoemans@facstaff.wisc.edu

From qrp-l@lehigh.edu Thu Feb 1 22:15:23 1996  
 From: "David D. Meacham" <ddm@datatamers.com>  
 Subject: [3695] Re: Plessey SL6270C Data Sheet  
 Message-ID: <Pine.LNX.3.91.960131205429.19963A-100000@dt1.datatamers.com>

Jim,  
 I have a copy I'll send you.  
 72, Dave, W6EMD  
 -----

On Wed, 31 Jan 1996, Jim Kortge, NU8N wrote:

```
> Gang...I would like to find a data sheet on the Plessey
> SL6270C IC that is used in the Cascade as a microphone
> amplifier/compressor. Would be more than willing to
> pay copying costs etc. or if you know of a web site with
> this info, please send it along.
>
> Thanks to all and 72.....Jim
>
> Jim Kortge, NU8N          |           Bicycle Mobile Hams
> jokortge@tir.com         |   __o         of America
> Fenton, MI               |_`\<,      Mizuho 17m/40m QRP SSB
> .. . . . . . . . . . . (*)/(*) . . . . .
```



>  
>  
>

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Larry East <LVE1@inel.gov>  
Subject: [3729] RE: Poor Code vs. Poor Spelling  
Message-ID: <9602011545.AA20676@garnet.inel.gov>

>So, what's the difference between complaining about someone sending poor  
>code on a bug and complaining about someone using poor spelling on  
>typewritten medium such as e-mail?

>

>Both phenomena make it difficult to understand the person's message.

>

Sorry, but I don't agree; I find it MUCH easier to understand poor spelling  
than to understand poor code! I'm not referring to code with a few missing  
letters or an occasional "H" in place of an "S" (my ears have a hard time  
telling the difference between "H" and "5", "S" and "H" above 25WPM  
anyway...), but some of the REALLY clobbered stuff that I hear on the air  
now and then.

Personally, I can't spell worth crap; think I have a minor case of deslexia  
[not spelled correctly and can't find it with my spelling checker, but I bet  
you know what I mean], or something. I find spelling checkers to be the  
greatest thing since sliced bread! (Glad I finally found a PC email program  
-- Eudora Pro -- that has one!)

72, Larry W1HUE/7

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: N0oct@aol.com  
Subject: [3764] Re: Q-DOPE & OTHER TOXIC WASTE  
Message-ID: <960201201839\_211923479@emout04.mail.aol.com>

In a message dated 96-01-28 09:52:25 EST, Kris Merschrod wrote:

>

>Harry, KM3D

>

> You are playing with toxic waste! Don't mix that stuff! Dispose  
>of it properly and file an environmental impact statement.

>

> Then use your YL's clear nail protector and let it go at that.  
 >  
 > A cleaner New York is up to you.  
 >  
 > Kris  
 > OA4DB0  
 >  
 >

Wait a minute--if you're going to label Q-Dope as toxic waste, the clear nail polish goes with it as well.

Either product, when used properly and with adequate ventilation is quite safe. However, either product when abused or used with ventilation can pose health/flammability problems.

If you like the Q-dope, use it. If you like clear nail polish, use it. Just keep in mind that neither is 'harmless'.

72, jim n0oct

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
 From: Monte Stark <ku7y@sage.dri.edu>  
 Subject: [3698] Re: Q-dope and TNT  
 Message-ID: <Pine.SUN.3.90.960131213647.2843C-100000@vortex.sage.dri.edu>

On Wed, 31 Jan 1996, Raymond Sommers wrote:

```
> >
>
>      C
>     /  \
>  NO2-C   C -NO2
>      ||   |
>      C    C      tri nitro toluene
>     \   //
>      C
>      |
>     NO2
>
> Ray  WB9LKC   the  Little Known Chemist
>                ^      ^      ^
```

Gad, I sure get a bang out of this list..... cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Sun Valley, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: moyle@essc.psu.edu (Alfred M. Moyle)  
Subject: [3715] Re: Q-dope and TNT  
Message-ID: <9602011401.AA18798@seismic.geosc.psu.edu>

>On Wed, 31 Jan 1996, Raymond Sommers wrote:

>

>> >

>>

>>

>>

>>

>>

>>

>>

>>

>>

>>

>> Ray WB9LKC the Little Known Chemist

>>

>

>Gad, I sure get a bang out of this list..... cul,

Unfortunately, what's shown above is not trinitrotoluene ... it's  
trinitro benzene. TNT would have a CH3 group attached to one of the carbon  
atoms which doesn't have an NO2 attached to it.

Let the flames begin!! (Pun intended!)

Al Moyle N3KFL (I really am a chemist)

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Harry\_Chase@smtpgw.windata.com (Harry Chase)  
Subject: [3716] Re: Q-dope and TNT  
Message-ID: <9601018231.AA823193540@smtpgw.windata.com>

Hmmm... Is there a pyrotechnics list out there????

Harry  
WA1VVH

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Raymond Sommers <rsommers@worf.uwsp.edu>  
Subject: [3749] Re: Q-dope and TNT  
Message-ID: <Pine.BSI.3.91.960201155348.19340A-100000@worf.uwsp.edu>

On Thu, 1 Feb 1996, Alfred M. Moyle wrote:

> Unfortunately, what's shown above is not trinitrotoluene ... it's  
> trinitro benzene. TNT would have a CH3 group attached to one of the carbon  
> atoms which doesn't have an NO2 attached to it.

>

Al and Sam,

Thanks - after all my trouble of drawing that TNT I forget the CH3 - oh  
well - not bad for an old retired analytical chemist, hey? You guys are  
sharp. Sam, KD4BTH also found my booboo. Correct pic is below (I think). ;-)

```

      CH3
      |
      C
     /  \
  NO2-C    C -NO2
    ||      |
    C        C      tri nitro toluene
     \      //
      C
      |
      NO2

```

> >> >  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >>  
> >> Ray WB9LKC the Little Known Chemist  
> >>                   ^       ^       ^  
Hey - that's why I'm so little known.

Better go back to the Little Kilowatt from Custer  
                  ^       ^       ^

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>

Message-ID: <2.2.32.19960201005534.0072a9f0@public.compusult.nf.ca>

I am glad you redrew the "new" molecular structure for TNT. It's one thing to point out an error it's another thing to "resubmit" it to the QRP-L group in ASCII format.

"QRP is Dynamite!!"

PS: I'm glad you redrew it -I threw away my college chemistry book years ago and I started feeling insecure that I didn't have this knowledge at my fingertips - I was afraid to check Encarta fearing that they would not show it - would that have meant that I'd have to go to the library to find out? By the way how are libraries doing now adays?

```
>Thanks - after all my trouble of drawing that TNT I forget the CH3 - oh
>well - not bad for an old retired analytical chemist, hey? You guys are
>sharp. Sam, KD4BTH also found my booboo. Correct pic is below (I think). ;-)
```

```
>
>> >> >
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >> Ray   WB9LKC      the    Little Known Chemist
```

CH<sub>3</sub>

|

C

/\ \\\

NO<sub>2</sub>-C                  C -NO<sub>2</sub>

||                  |

C                  C

\                  //

C

|

NO<sub>2</sub>

tri nitro toluene

```
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
|      Internet:      rgobrick@nfld.com
|                      bgobrick@nlnet.nf.ca
|      Compuserve:    70466.1405@compuserve.com
```

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [3756] Re: re learning a bug/keyer/straight key, etc.  
Message-ID: <Pine.SUN.3.90.960201152908.4584A-100000@vortex.sage.dri.edu>

Frank,

Well said and a very good idea.

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Sun Valley, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Urs Schlegel <schlegel@ccgate.ari.ch>  
Subject: [3708] Re: Re: paddle help  
Message-ID: <9602010916.A14503@ccgate.ari.ch>

Bob,

>Also how many folks have trained themselves to key with their opposite hand  
>so they can use their "good" hand for tuning and logging with pencil

I did but I left the dah on the right paddle and the dit on the left one.  
With the left hand and thumb I am sending a dah, with the right one a dit  
(not at the same time ;-)). Oh, these CW operators...

72 de HB9HAU    Urs        schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Larry East <LVE1@inel.gov>  
Subject: [3728] RE: Updated QRP+  
Message-ID: <9602011545.AA20673@garnet.inel.gov>

>From some recent postings:

>>The QRP+ will receive 1.8Mhz to 29.7Mhz. In a few weeks a new and improved

>>model of the QRP+ will be out. The new price will be \$695 + \$10 s&h. The  
>>new model will have a hotter receiver, better AGC and a speech processor  
>>along with new firmware. There are probably other improvements and some of  
>>the boards have been redesigned. Cost to upgrade an existing QRP+ will  
>>be about \$250.

>What a deal! Raise the price \$100 and charge your loyal customers \$250 to  
>upgrade. It wouldn't have been so bad if I had been able to buy through the  
>original group purchase which involved a decent discount. By the time Index  
>started taking orders for the second group the discount was something like  
>\$10. That was in October. I sure hope Index comes up with a better deal  
>for those of us who recently bought the original QRP+.

I have the same sentiments! Think I'll keep my QRP+ as-is --- well, maybe a  
few mods here and there. I don't think it's worth 36% of the price of a new  
rig to get a hotter receiver (I can hear more than I can work now), etc.  
Besides, I can always add my own speech processor (Ten-Tec has a kit for  
only \$9), fiddle with the AGC, and probably buy a ROM update for a LOT less  
than \$250!!

Oh well, supply and demand I guess...

72, Larry W1HUE/7

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: cebik@UTKVX.UTCC.UTK.EDU  
Subject: [3733] RE: Updated QRP+  
Message-ID: <Pine.PMDF.3.91.960201110756.543593155A-100000@utkvx.utk.edu>

On Thu, 1 Feb 1996, Larry East wrote:

> I have the same sentiments! Think I'll keep my QRP+ as-is --- well, maybe a  
> few mods here and there. I don't think it's worth 36% of the price of a new  
> rig to get a hotter receiver (I can hear more than I can work now), etc.  
> Besides, I can always add my own speech processor (Ten-Tec has a kit for  
> only \$9), fiddle with the AGC, and probably buy a ROM update for a LOT less  
> than \$250!!

>

> Oh well, supply and demand I guess...

>

> 72, Larry W1HUE/7

>

But it will be interesting to see a. what the specifics of the upgrades  
are and b. what the method of upgrading older QRP+ rigs is: factory  
rebuilding, home-installed replacement boards (and, if so, how many of  
them). All that will tell us something about the backplane design theory

behind the rig, etc. So even if we opt to keep our \$250, the announcement should be instructive.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Mike White <mpw@chensys.com>  
Subject: [3736] RE: Updated QRP+  
Message-ID: <2.2.16.19960201163249.604fbcd0@pop3.chensys.com>

At 10:53 AM 2/1/96 EST, Larry East wrote:

>>From some recent postings:

>

>>>The QRP+ will receive 1.8Mhz to 29.7Mhz. In a few weeks a new and improved  
>>>model of the QRP+ will be out. The new price will be \$695 + \$10 s&h. The  
>>>new model will have a hotter receiver, better AGC and a speech processor  
>>>along with new firmware. There are probably other improvements and some of  
>>>the boards have been redesigned. Cost to upgrade an existing QRP+ will  
>>>be about \$250.

I wonder if Index Labs would be willing to do some sort of 'Group Upgrade'  
and give us a deal on the \$250. Might be worth checking out.

--

Mike White           Chen Systems Corporation  
N9UXC                voice:715/833-7067  
                      fax :715/833-7096  
<http://www.chensys.com>

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: jdorson@bbs.mpcs.com (John Dorson by way of Mike White <mpw@chensys.com>)  
Subject: [3746] RE: Updated QRP+  
Message-ID: <2.2.16.19960201211722.4d5f665c@pop3.chensys.com>

Hi folks. I'm John and a new member of the list. I think it's great. So much  
usful info. I also have a QRP+ and just love it except for one problem. I  
have real trouble with their keyer. I have another keyer but want to use my  
other paddle. I keep missing a dot or dash here and there. I know it is not  
me as I have been using a keyer for years. Index labs said that there is  
nothing wrong and I just have to get use to it and compensate for it. Does  
anyone know of a processor mod in the works from these folks. Is anyone else



having the same problem. HELP...

73

John KA2GYH

>At 10:53 AM 2/1/96 EST, Larry East wrote:

>>>From some recent postings:

>>

>>>>The QRP+ will receive 1.8Mhz to 29.7Mhz. In a few weeks a new and improved  
>>>>model of the QRP+ will be out. The new price will be \$695 + \$10 s&h. The  
>>>>new model will have a hotter receiver, better AGC and a speech processor  
>>>>along with new firmware. There are probably other improvements and some of  
>>>>the boards have been redesigned. Cost to upgrade an existing QRP+ will  
>>>>be about \$250.

>

>I wonder if Index Labs would be willing to do some sort of 'Group Upgrade'  
>and give us a deal on the \$250. Might be worth checking out.

>--

>Mike White           Chen Systems Corporation

>N9UXC                voice:715/833-7067

>                      fax :715/833-7096

><http://www.chensys.com>

>

>

>

>

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: [3730] Re: What's Early a.m.

Message-ID: <199602011554.IAA17202@zia.aoc.nrao.edu>

Chuck,

>So about 4:30 a.m. to 5 a.m. and thereafter

^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Isn't it against state law to get up that early?

I know it is here!

Paul NA5N

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [3735] Re: What's Early a.m.  
Message-ID: <Pine.SOL.3.91.960201111502.15374A-100000@utkux4.utcc.utk.edu>

On Thu, 1 Feb 1996, Paul Harden wrote:  
> >So about 4:30 a.m. to 5 a.m. and thereafter  
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^  
> Isn't it against state law to get up that early?  
> I know it is here!  
> Paul NA5N  
Are you referring to the law of the state of lethargy?  
LB

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: W3HMS@aol.com  
Subject: [3769] Re: What's Early a.m.  
Message-ID: <960201224605\_212039886@emout07.mail.aol.com>

Chuck.....ah shucks, more of this "O Dark 30 " stuff, HI!  
Thanks, 73, John

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Dan Halbert <halbert@labs-n.bbn.com>  
Subject: [3751] Re: [3630] Antenna Dilemma  
Message-ID: <199602012248.RAA05516@halite.bbn.com>

KA2PQY asks about wire antennas for 80m and up. I have used both vertical and horizontal loops. The vertical loop was 80m full wave, rectangular, top part up 70 feet, corner fed. The horizontal loop is 40m full wave triangle, up only 22 feet. QTH for both is Eastern Massachusetts.

After I started using loops, I stopped worrying about antennas.

The 80m vertical loop was in an east-west plane, but became only obviously directional on 10m. It was a superb antenna, and DX was easy. It was usually 2 S-units better than a Cushcraft R3 half-wave vertical (which covers 20m, 15, and 10).

The 40m loop is not nearly so high, but it works fine too. DX is not bad on the upper bands. Best 40m DX was Russia: QRP CW, 5W.

I fed both antennas with ladder line, directly from a tuner or with a

4:1 balun. I have tried both antennas on bands below their full-wave length by shorting the feedpoint and working them against counterpoises. It works, but not remarkably.

I threaded the antenna wire through stainless steel marine pulleys at the corners, attached to nylon rope over tree branches. The pulleys allow the antenna wire to slide easily in the wind, and I never had breakage over several years of operation. The 80m antennas was 12g insulated stranded wire; the 40m is 13g solid copper.

Regards,  
Dan, KB1RT

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: PA3ASC@bonny.hol.nl (Mike Perry)  
Subject: [3743] Re: [3649] re: bugs / learnig a hand key  
Message-ID: <199602011915.UAA22878@bonny.hol.nl>

> From: faunt@netcom.com (Doug Faunt N6TQS)  
> Date: Thu, 1 Feb 1996 00:31:37 EST  
> Can all you good CW ops give hints on learning  
> to use a straight key properly?  
> 73, doug.

A trick I used when I was learning morse some years ago to sent in unison with a practice tape recorded in strict tempo. When you hit "resonance" the chorous is truly magnificent.

Hope this helps.

73

--

Regards,  
Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl ]  
=====

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)  
Subject: [3696] Re: [3649] re:Bugs  
Message-ID: <199602010529.VAA03272@netcom9.netcom.com>

Can all you good CW ops give hints on learning to use a straight key

properly?  
73, doug

From qrp-1@lehigh.edu Thu Feb 1 22:15:23 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [3703] Re: [3649] re:Bugs  
Message-ID: <Pine.SUN.3.90.960131213924.2843D-1000000@vortex.sage.dri.edu>

Hi Doug,

When I went into the Army, I was buzzing along with a bug  
at 30+ wpm, copying in my head.

Then the Army had me go to High Speed Operator school. There  
I learned to copy on paper and mill. 25 wpm with 5 letter  
code groups. All rather easy so far.... but.....

Sending was done with a hand key, (J38), and we had to do 5  
letter code groups at 25 wpm to make it! If you "shook" your  
fingers to make the dits, you didn't pass!

Here is how they taught us and it really works:

Place the finger tips of your sending hand on a book. Put the  
hand key under your wrist. Keep your elbow on the table.

Now send cw! All dits and dahs are made with wrist action only.  
Don't try for speed. Just try for perfect code. Each element  
just right. Sooner or later you will find that you are  
buzzing right along!

The key element in this is practice, practice and then practice  
some more.

Have fun, cu1,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Sun Valley, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....